

# THE NEW US 31 HAMILTON CO.



# PROJECT OVERVIEW

- Roadway upgraded to freeway standards
- 13 miles of US 31 from I-465 to 216th Street
- Construction is expected to begin in 2011
- Part of *Major Moves* initiative

# PURPOSE & NEED

**The purpose of the US 31 Improvement Project is to:**

- Reduce congestion for the US 31 corridor by improving to LOS D or better
- Improve the level of safety for motorists using the US 31 corridor
- Provide for the reliable and efficient movement of commerce and regional travel

MAJOR  
MOVES

# THE NEW US 31 HAMILTON COUNTY

[us31.hamiltoncounty.in.gov](http://us31.hamiltoncounty.in.gov)

## MOBILE INFO

Home

Schedule

Interchange Design Options

For Property Owners

For Media

E-newsletter

Frequently Asked Questions

Public Information

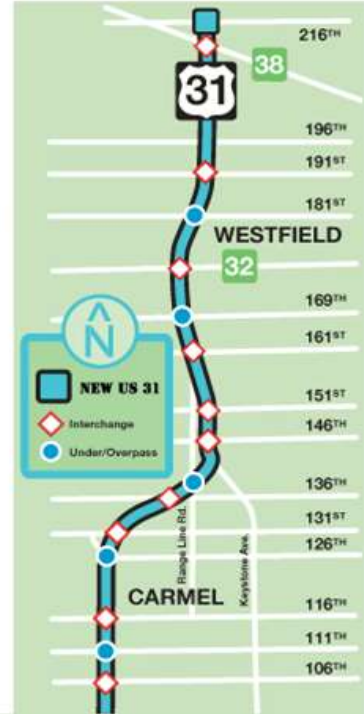
Contact

## About the Project

The Indiana Department of Transportation (INDOT) is updating survey data to move forward with the corridor upgrade.

Surveying over the next few months includes contractors walking the area, recording traffic volume on hand-held devices, taking photographs of the corridor and the buildings along it, digging holes for soil samples and delineating wetlands.

The project will upgrade to freeway standards US 31 from I-465, at the Marion-Hamilton county line, through Carmel, to 216th St. in Westfield. Final decisions regarding interchanges along the corridor will be complete in 2009 and construction is expected to begin in 2010. This project is part of the larger Major Moves initiative to upgrade the route to freeway standards from Indianapolis to South Bend.



MAJOR  
MOVES

[Home](#) | [Contact](#)

[INDOT](#) | [Federal Highway Administration](#) | [US Environmental Protection Agency](#) | [City of Carmel](#) | [Town of Westfield](#) | [Hamilton County](#)



MAJOR  
MOVES

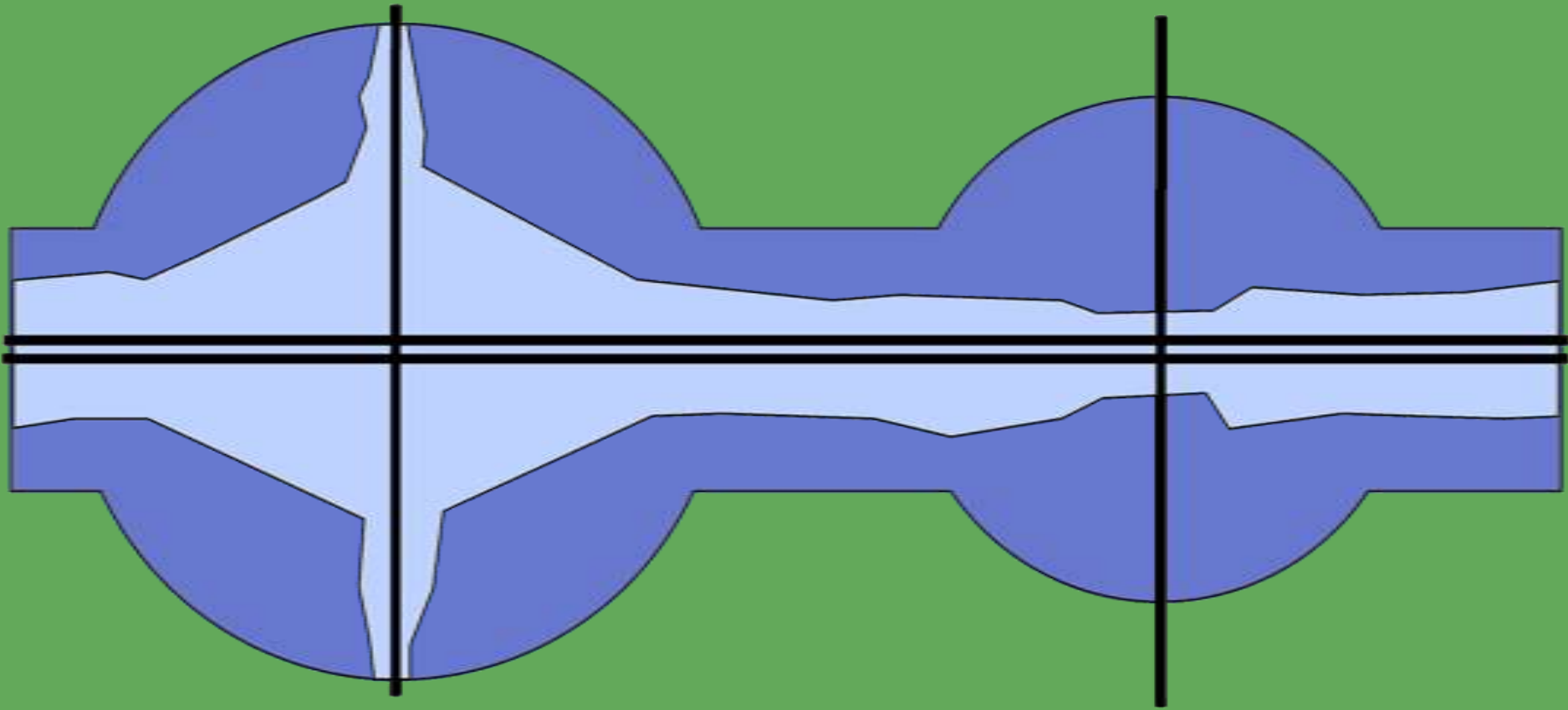




# TRAILS & PEDESTRIAN ACCESS



# BROAD FOOTPRINT VS. CONSTRUCTION LIMITS



# INTERCHANGE SELECTION CRITERIA

- Level of service (freeway/ramps)
- Operations (weaving, signage)
- Road User Impacts (safety, time)
- Driver Expectancy (right side exits)
- Roadway Configuration
- Construction/Maintenance Costs
- Ease of Construction
- Right-of-way impacts/availability
- Environmental impacts
- Growth of surrounding area



DIAMOND



FOLDED DIAMOND



FULL CLOVERLEAF



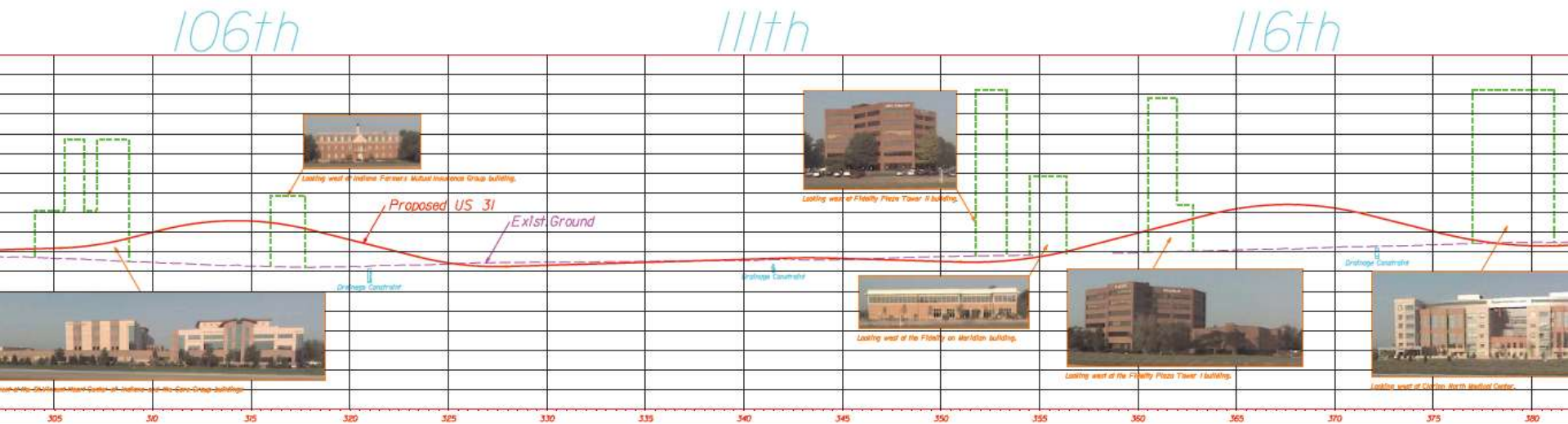
PARTIAL CLOVERLEAF



# CROSS ROADS & INTERCHANGE OVERVIEW

- 146th – Split interchange
- 151st – Split interchange
- South Union St. - Cul-de-sac (under consideration)
- 156<sup>th</sup> – Cul-de-sac
- Buena Vista Dr. – Rerouted to Farr Hills
- 161<sup>st</sup> – Interchange
- 169<sup>th</sup> – Crosses under
- Park St. - Cul-de-sac
- SR 32 – Interchange
- 181<sup>st</sup> – Crosses over
- South Drive or North Glen Drive – closed, no cul-de-sac
- Blackburn Ave. – Cul-de-sac
- North Union St. – Removing pavement between US 31 and North Union
- 191<sup>st</sup> – Interchange
- 196<sup>th</sup> – Cul-de-sac
- 202<sup>nd</sup> – Cul-de-sac
- 203<sup>rd</sup> – Cul-de-sac
- SR 38 – Interchange

# MAINLINE PROFILE



- Drainage / Utility Constraints
- Gravity Drained
- Elevation of the Surrounding Area -

# 146<sup>TH</sup> TO 151<sup>ST</sup> INTERCHANGE AREA

- There is no easy solution to this interchange area
- Design charrette held March 19<sup>th</sup> —  
*representatives from Hamilton County and the cities of Carmel and Westfield were in attendance*
- Shift US 31 mainline to avoid park (4F resource)
- Significant right of way impacts on west side of US 31

# 146<sup>TH</sup>/151<sup>ST</sup> ST. ALTERNATIVE #1



# 161<sup>ST</sup> STREET INTERCHANGE

- Major crossing point for Westfield's trail system
- Surrounding area lends itself to 161<sup>st</sup> Street crossing over US 31
- Buena Vista re-routed to Farr Hills Drive



# 161<sup>ST</sup> ALTERNATIVE #1





# 161<sup>ST</sup> ALTERNATIVE #2

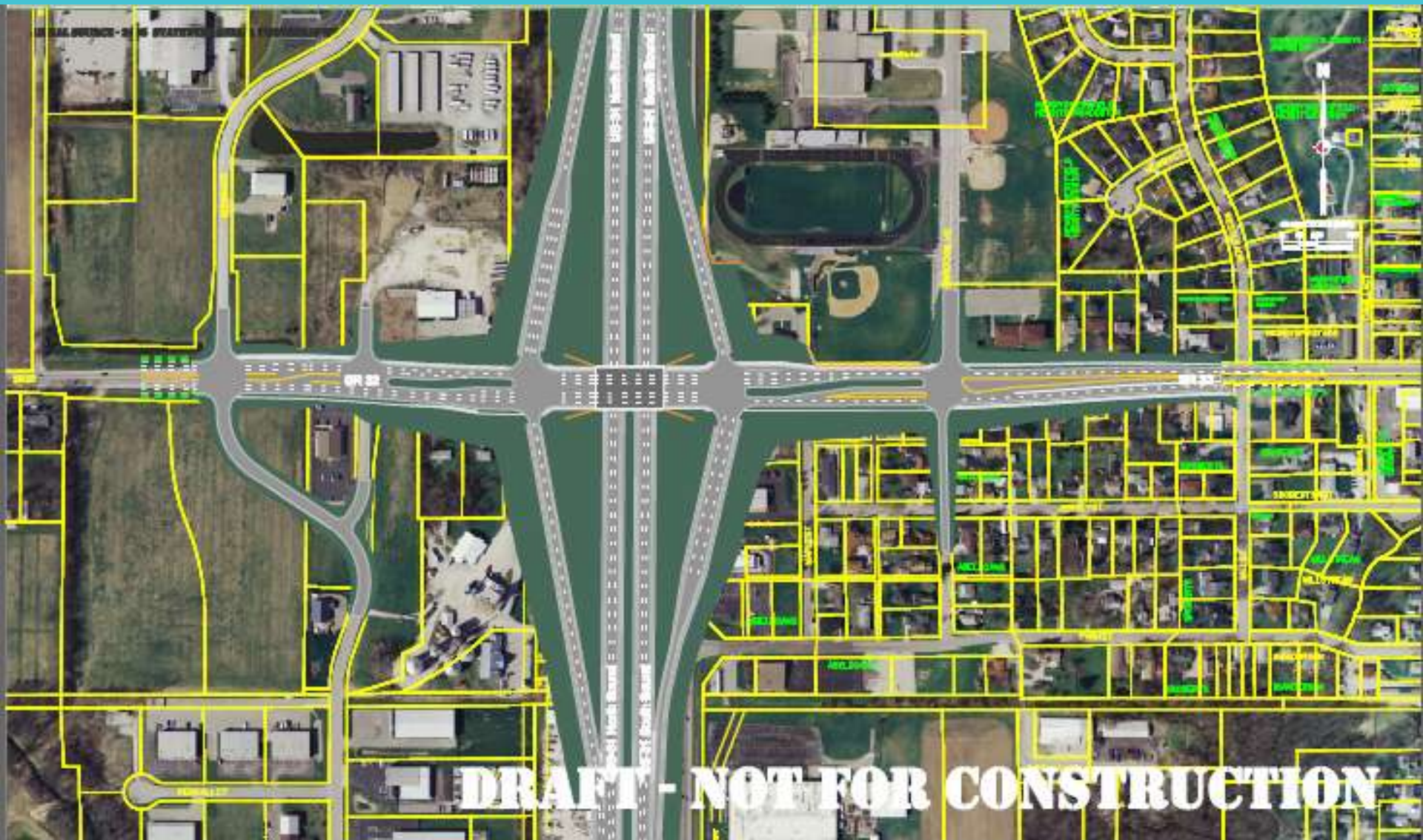


# SR 32 INTERCHANGE

- Coordination with INDOT and Westfield on SR 32 widening projects
- Shifted mainline US 31 and SR 32 to avoid park and school (4F resources)



# SR 32 ALTERNATIVE #1



**DRAFT - NOT FOR CONSTRUCTION**



# SR 32 INTERCHANGE AREA “BEFORE”





# SR 32 INTERCHANGE AREA “AFTER”



# 191<sup>ST</sup> STREET INTERCHANGE

- City of Westfield has identified this as a major future growth corridor
- Adaptable to future improvements



# 191<sup>ST</sup> STREET INTERCHANGE

OPTION 1



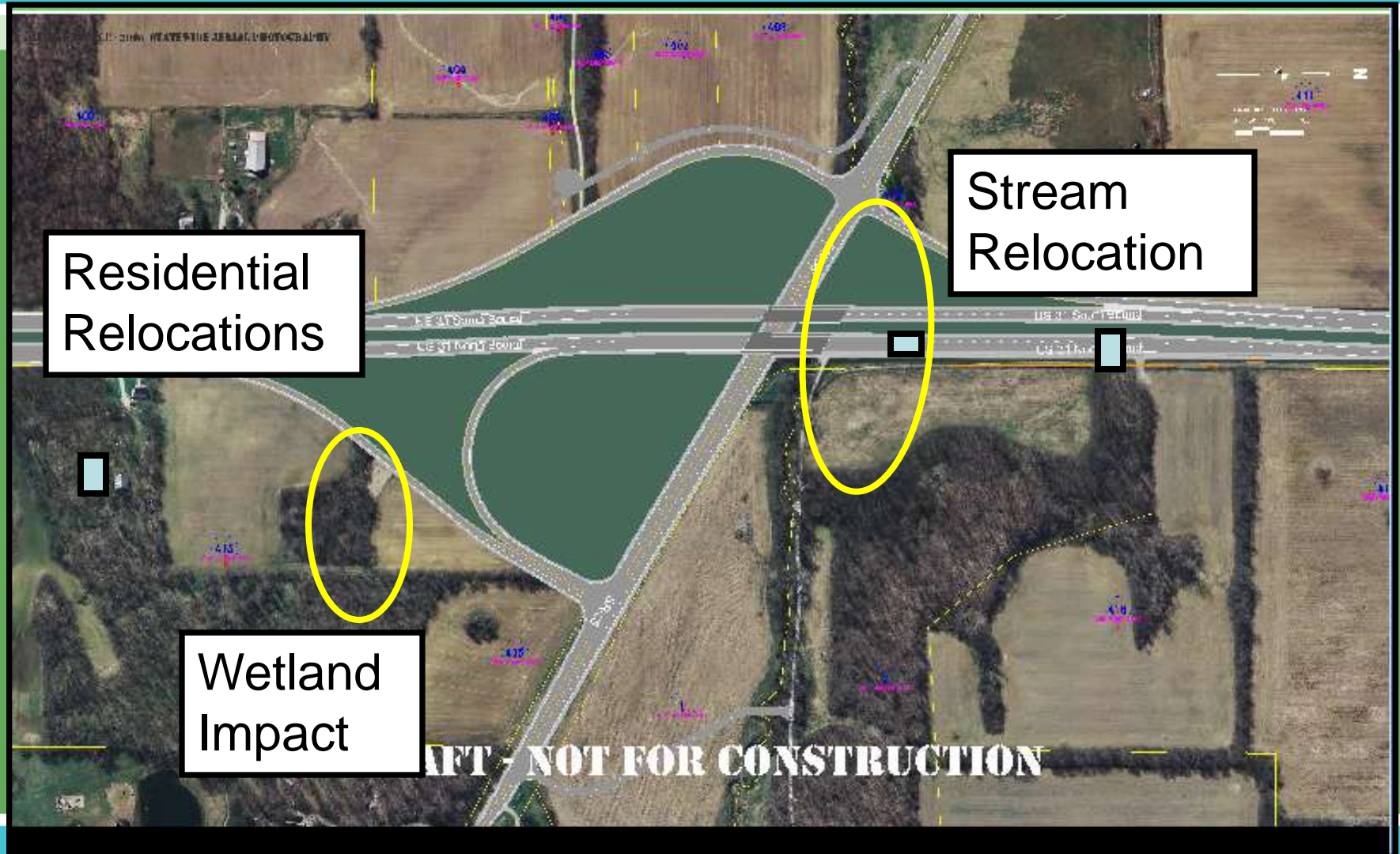
# SR 38 INTERCHANGE

- Another construction project will relocate the entrance to the new park later this year
- First US 31 Hamilton County interchange to be constructed
- Protect historic Lindley Farm Property



# SR 38 ALTERNATIVE

## Environmental





# SR 38 INTERCHANGE AREA “BEFORE”





# SR 38 INTERCHANGE AREA “AFTER”



# RELOCATIONS

MAJOR  
MOVES

## THE NEW US 31 HAMILTON COUNTY

[us31.hamiltoncounty.in.gov](http://us31.hamiltoncounty.in.gov)

### MORE INFO

Home

Schedule

Maps

#### For Property Owners

For Media

E-newsletter

Frequently Asked Questions

Public Records

Contact

### Land acquisition

Final decisions on land acquisition will be made during the final design period. Surveyors are currently out assessing land now; and appraisers will analyze property after surveying is complete. Offers might be extended as early as 2008. Right of way requirements will be further revised during the design phase, when more detailed engineering decisions are made.

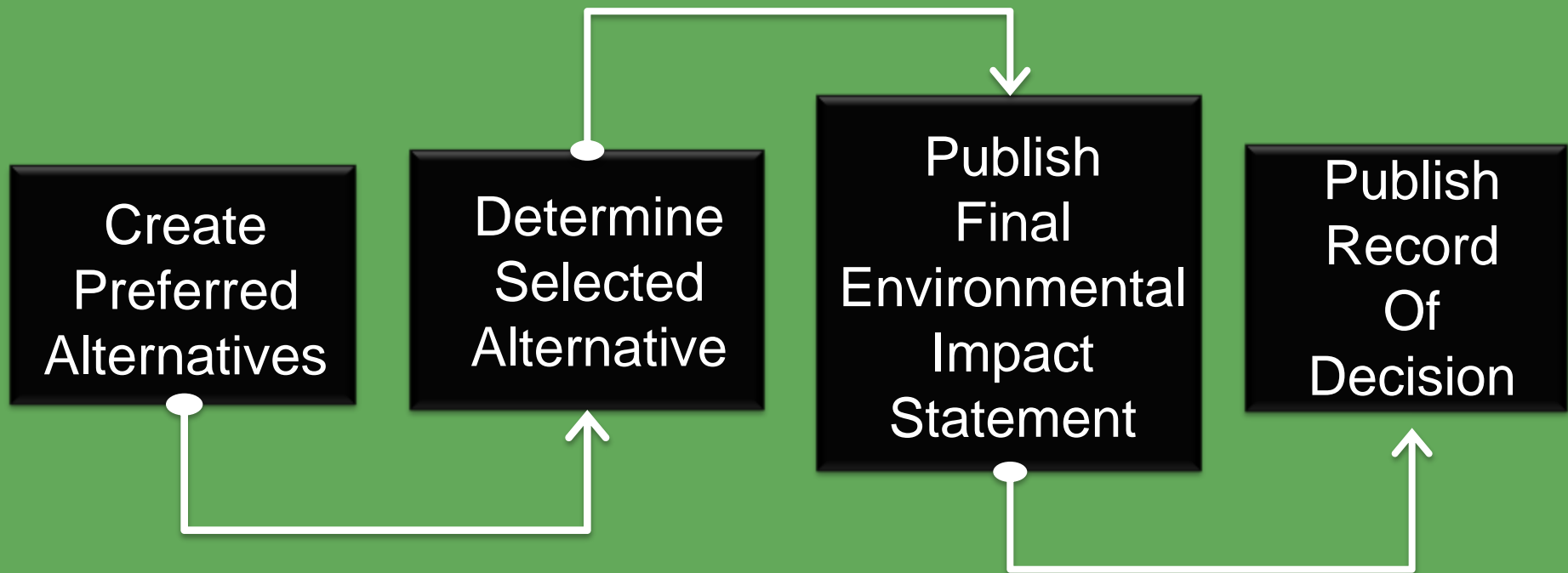
Click for more information on [land acquisition](#) and [relocation](#).



MAJOR  
MOVES

THE NEW US 31  
HAMILTON COUNTY

# PROCESS



**Q&A**  
**THANK YOU!**